

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. – 69. (Cancelled)

70. (Previously Presented) A networked health-monitoring system, comprising:

- (i) a plurality of remote patient sites, each site including
  - at least one display;
  - a data management unit configured to facilitate collection of patient health-relate data;
  - at least one memory; and
  - stored program instructions for generating health-monitoring related information on the display;
- (ii) at least one central server connectable for communication with the data management unit at each patient site; and
- (iii) at least one health care professional computer remotely located from and configured for signal communication with the central server wherein the system is configured to
  - allow a health care professional to cause information to be transmitted to at least one patient and

- display to that patient at least one message at least some of the information caused to be transmitted by the healthcare professional.

71. (Previously Presented) The system of claim 70, wherein the message is selected from the set consisting of an educational message, a motivational message, and instructions.

72. – 75. (Cancelled)

76. (Previously Presented) The system of claim 71, wherein the stored program instructions further enable the display of pictorial health related information.

77. (Previously Presented) The system of claim 70, further comprising at least one monitoring device configured to

- a. monitor at least one patient health condition; and
- b. capture health-related data including data related to the monitored condition.

78. – 109. (Cancelled)

110. (Previously Presented) The system of claim 70, wherein the system is configured to transmit the message to a specific patient.

111. (Previously Presented) The system of claim 110, wherein the system enables the patient to choose when to receive the message.

112. (Previously Presented) The system of claim 70, wherein the data management unit is physically separate from the display.

113. (Previously Presented) The system of claim 70, wherein the display is in a handheld device.

114. (Previously Presented) The system of claim 76, wherein the system is capable of displaying pictorial health related information.

115. (Previously Presented) The system of claim 76, wherein the memory is a program cartridge.

116. (Previously Presented) The system of claim 70, wherein the system generates at least one report based on the patient health-related data collected at the remote patient sites.

117. (Previously Presented) The system of claim 116, wherein the report is standardized and the system is configured to allow a health care professional to select which of a plurality of standardized reports is generated.

118. (Previously Presented) The system of claim 116, wherein the system is configured to cause the presentation of at least one report on the display at a remote patient site.

119. (Previously Presented) The system of claim 116, wherein the healthcare professional computer receives the report after an associated healthcare professional is identified as an authorized user by an authorization code.

120. (Previously Presented) The system of claim 70, wherein the system is configured to allow the patient to control the display of information using at least one menu.

121. (Previously Presented) The system of claim 120, wherein the menu allows the patient to select at least one operational mode from the set consisting of:

- (i) a display mode for displaying relevant information;
- (ii) an input mode for providing information; and
- (iii) a communications mode for establishing a link with the central server.

122. (Previously Presented) The system of claim 120, wherein the menu allows a patient to select a monitoring mode in which a monitoring device is used to monitor at least one patient health condition at least at one remote patient site; and to communicate data related to the monitored condition to the central server.

123. (Previously Presented) The system of claim 70, wherein the collected patient health-related data includes user experienced symptoms.

124. (Withdrawn) The system of claim 70, wherein the collected patient health-related data includes food intake information.

125. (Withdrawn) The system of claim 70, wherein the collected patient health – related data includes information that relates to the user's healthcare regimen.

126. (Previously Presented) The system of claim 70, wherein the system is configured to enable programs to be provided from the server for storage in a memory and execution at a remote patient site.

127. (Previously Presented) A method comprising:  
at a plurality of remote patient sites,

- facilitating collection of patient health-related data using a data management unit,
- using program instructions stored in at least one memory to generate health-monitoring related information on at least one display, and
- collecting the patient-health related data;  
connecting at least one central server for communication with the data management unit at the patient site;

connecting a remotely located professional computer in signal communication with the central server;  
allowing a healthcare professional to cause information to be transmitted to at least one patient site; and  
displaying at that patient site as at least one message at least some of the information caused to be transmitted by the healthcare professional.

128. (Previously Presented) The method of claim 127, wherein the message is selected from the set consisting of a health care professional selected message, an educational message, a motivational message, and instructions.

129. (Previously Presented) The method of claim 128, wherein the message is transmitted to a specific patient.

130. (Previously Presented) The method of claim 129, wherein the message is transmitted to the patient when the specific patient chooses.

131. (Previously Presented) The method of claim 127, further comprising:  
using a monitoring device to monitor at least one patient health condition at least at one remote patient site; and  
communicating patient-related data including data related to the monitored condition to the central server.

132. (Previously Presented) The method of claim 131 wherein, the data management unit facilitates collection of health-related data by receiving data related to the monitored condition from at least one of the monitoring devices.

133. (Previously Presented) The method of claim 127, wherein the memory and the display form a part of at least one of the monitoring devices.

134. (Previously Presented) The method of claim 127, wherein the display is a handheld device.

135. (Previously Presented) The method of claim 134, wherein the memory is a program cartridge.

136. (Previously Presented) The method of claim 127, further comprising displaying pictorial health-monitoring related information.

137. (Previously Presented) The method of claim 127, further comprising generating at least one report based on the patient health-related data collected at the remote patient sites.

138. (Previously Presented) The method of claim 137, wherein the report is standardized and a health care professional selects which of a plurality of standardized reports is produced.

139. (Previously Presented) The method of claim 137, further comprising displaying the report on a display at at least one remote patient site.

140. (Previously Presented) The method of claim 137, further comprising displaying at least one of statistical and trend information.

141. (Previously Presented) The method of claim 137, further comprising receiving the report after transmitting an authorization code to the server that identifies an associated healthcare professional as an authorized user.

142. (Previously Presented) The method of claim 137, further comprising allowing the patient to control the display of information using at least one menu.

143. (Previously Presented) The method of claim 142, wherein the menu allows a patient to select at least one operational mode from the set consisting of:  
a display mode for displaying relevant information;  
an input mode for providing information; and  
a communications mode for establishing a link with the central server.

144. (Previously Presented) The method of claim 142, wherein the menu allows a patient to select a monitoring mode in which a monitoring device is used to monitor at least one patient health condition at least at one remote patient site; and to communicate data related to the monitored condition to the central server.



145. (Previously Presented) The method of claim 127, wherein the collected patient health-related data includes user experienced symptoms to the system.

146. (Withdrawn) The method of claim 127, wherein the collected patient health-related data includes food intake information.

147. (Withdrawn) The system of claim 127, wherein the collected patient health-related data includes information that relates to the user's healthcare regimen.

148. (Previously Presented) The method of claim 127, further comprising:  
providing a program from the server to a remote patient site; and  
storing the program in a memory for execution at the remote patient site.

149. (Previously Presented) A networked health-monitoring system configured to collect and process patient health related data, the system comprising:

- (i) a plurality of remote patient sites, each site including:
  - means for displaying information;
  - a data management unit means for facilitating collection of patient health related data;
  - a memory means; and
  - a stored program means for generating health-monitoring related information on the display;

- (ii) at least one central server means connectable for communication with the data management unit at each patient site; and
- (iii) means for transmitting at least one message for display on at least one display and in which at least one message is a health care professional selected message.

150. (Previously Presented) A networked monitoring system, comprising:

- (i) a plurality of remote user sites, each site including:
  - at least one display,
  - a data management unit configured to facilitate collection of user-related data,
  - a memory, and
  - stored program instructions for generating information on the display;
- (ii) at least one central server connectable for communication with the data management unit at each user site; and
- (iii) at least one computer remotely located from the user sites and remotely located from and configured for signal communication with the central server wherein the system is configured to
  - allow at least one of educational and motivational material to be displayed to at least one user,
  - allow user of the remotely located computer to cause information to be transmitted to that user, and

- generate at least one report based on the user data collected at the remote user sites.

151. (Previously Presented) The system of claim 150, wherein the report is standardized and the system is configured to allow a user of the remotely located computer to select which of a plurality of standardized reports is produced.

152. (Previously Presented) The system of claim 150, wherein the system is configured to cause the presentation of at least one report to a user at at least one of the remote user sites.

153. (Previously Presented) The system of claim 152, wherein the report includes one of results of a test and information data for a period of time.

154. (Previously Presented) The system of claim 150, wherein the remotely located computer receives the report after an associated user is identified as an authorized user by an authorization code.

155. (Previously Presented) The system of claim 150, wherein the system is configured to allow the transmission of at least one message to at least one user.

156. (Previously Presented) The system of claim 155, wherein the system is configured to transmit the message to a specific user.

157. (Previously Presented) The system of claim 155, wherein the system enables the user to choose when to receive the message.

158. (Previously Presented) The system of claim 150, wherein the display is in a handheld device.

159. (Previously Presented) The system of claim 158, wherein the handheld device is capable of displaying pictorial information.

160. (Previously Presented) The system of claim 158, wherein the memory is a program cartridge.

161. (Previously Presented) The system of claim 150, wherein the system is configured to allow the user to control the display of information using at least one menu.

162. (Previously Presented) The system of claim 161, wherein the menu allows the user to select at least one operational mode from the set consisting of:

- i) a display mode for displaying relevant information;
- ii) an input mode for providing information; and
- iii) a communications mode for establishing a link with the central server.

163. (Previously Presented) The system of claim 150, wherein the system is configured to enable programs to be provided from the server for storage in the memory for execution at a remote user site.

164. (Previously Presented) The system of claim 150, wherein the system further causes the display of instructions to the user.

165. (Previously Presented) The system of claim 150, wherein the stored program instructions further enable the display of a graphic representation based on at least a portion of the user input.

166. (Previously Presented) The system of claim 150, wherein the collected user-related data includes quantitative measurements.

167. (Withdrawn) The system of claim 150, wherein the collected user-related data includes food intake information.

168. (Withdrawn) The system of claim 150, wherein the collected user-related data includes information that relates to the user's healthcare regimen.

169. (Previously Presented) The system of claim 166, wherein the user of the remotely located computer is a healthcare professional.

170. (Previously Presented) A method comprising;

at a plurality of remote patient sites

- facilitating collection of user-related data using a data management unit,
- using program instructions stored in memory to generate monitoring-related information on at least one display, and

- collecting the user-related data;

collecting at least one central server for communication with the data management unit at the patient site;

connecting a professional remotely located computer in signal communication with the central server;

allowing at least one of educational and motivational material to be displayed to at least one user;

allowing a user of the remotely located professional computer to cause information to be transmitted to that user; and

generating at least one report based on the user data collected at the remote user site.

171. (Previously Presented) The method of claim 170, wherein the report is standardized and the method further comprises:

allowing a user of the remotely located professional computer to select which of a plurality of standardized reports is produced.

172. (Previously Presented) The method of claim 170, further comprising:  
causing the presentation of at least one report to a user at at least one of the  
remote user sites.

173. (Previously Presented) The method of claim 172, wherein the report  
includes at least one of results of a test, statistical information, and trend information.

174. (Previously Presented) The method of claim 170, further comprising:  
receiving the report at the remotely located professional computer after an  
associated user is identified as an authorized user by an authorization code.

175. (Previously Presented) The method of claim 170, further comprising:  
transmitting the at least one message to at least one user.

176. (Previously Presented) The method of claim 175, wherein the  
message is transmitted to a specific user.

177. (Previously Presented) The method of claim 175, wherein the user  
chooses when to receive the message.

178. (Previously Presented) The method of claim 170, wherein the display  
is in a handheld device.

179. (Previously Presented) The method of claim 178, wherein the handheld device is capable of displaying pictorial information based on the collected user-related data.

180. (Previously Presented) The method of claim 170, wherein the memory is a program cartridge.

181. (Previously Presented) The method of claim 170, further comprising:  
allowing the user to control the display of information using at least one menu.

182. (Previously Presented) The method of claim 181, wherein the menu allows the user to select at least one operational mode from the set consisting of: a display mode for displaying relevant information; an input mode for providing information; and a communications mode for establishing a link with the central server.

183. (Previously Presented) The method of claim 170, further comprising:  
enabling a program to be provided from the server for storage in a memory for execution at the remote user site.

184. (Previously Presented) The method of claim 170, further comprising:  
causing the display of instructions to the user.



185. (Previously Presented) The method of claim 170, wherein the stored program instructions further enable the display of a graphic representation based on at least a portion of the user input.

186. (Previously Presented) The method of claim 170, wherein the collected user-related data includes user experienced symptoms.

187. (Withdrawn) The method of claim 170, wherein the collected user-related data includes food intake information.

188. (Withdrawn) The method of claim 170, wherein the collected user-related data includes information that relates to the user's healthcare regimen.

189. (Previously Presented) The method of claim 170, wherein the user of the remotely located professional computer is a healthcare professional.

190. – 222. (Canceled)

223. (New) A remote patient management system, comprising:  
at least one sensor outputting patient physiologic data;  
a patient monitor operative to receive the physiologic data and automatically download the data in encrypted form to a network over a wired telephone connection; and

a server interfaced to the network providing a viewing environment enabling a clinician to access and decrypt the patient physiologic data for private analysis or diagnostic purposes.

224. (New) The remote patient management system according to claim 223, wherein the patient physiologic data output by the sensor is cardiac-related.

225. (New) The remote patient management system according to claim 224, wherein the patient physiologic data output by the sensor includes electrocardiogram information.

226. (New) The remote patient management system according to claim 223, wherein the patient monitor is portable or wearable.

227. (New) The remote patient management system according to claim 223, wherein the patient physiologic data is self-descriptive to facilitate proper routing and retrieval through the server.

228. (New) The remote patient management system according to claim 223, wherein the network is the Internet.

229. (New) The remote patient management system according to claim 223, wherein at least a portion of the transfer of the physiologic data monitor from the sensor to the server occurs through a wireless communication link.

230. (New) A remote patient management system, comprising:  
at least one sensor outputting cardiac-related patient data;  
a portable patient monitor operative to receive the patient data and  
automatically download the data in encrypted form to an Internet server over a wired  
telephone connection; and  
a viewing environment resident on the server enabling a clinician to access  
and decrypt the patient's cardiac data for private analysis or diagnostic purposes.

231. (New) The remote patient management system according to claim 230,  
wherein the cardiac-related data includes electrocardiogram information.

232. (New) The remote patient management system according to claim  
230, wherein the cardiac-related data is self-descriptive to facilitate proper routing  
and retrieval through the server.

233. (New) The remote patient management system according to claim  
230, wherein at least a portion of the transfer of the physiologic data monitor from  
the sensor to the server occurs through a wireless communication link.

234. (New) A remote patient management system, comprising:  
at least one sensor communicating patient physiological data;  
a patient monitoring unit operative to receive the physiological data and  
automatically download and encode the data in a manner which restricts access  
thereto to a network over a wired telephone connection; and  
a server in signal communication with a network providing a viewing  
environment enabling a healthcare professional to access the physiological data  
upon identification of the healthcare provider as an authorized user, and use the data  
for private analysis or diagnostic purposes.

235. (New) The remote patient management system according to claim 234,  
wherein the patient physiological data output by the sensor is related to a heart  
condition.

236. (New) The remote patient management system according to claim  
234, wherein the patient monitor is portable.

237. (New) The remote patient management system according to claim  
234, wherein the patient physiological data is identified by its source to facilitate  
proper routing and retrieval through the server.

238. (New) The remote patient management system according to claim 234,  
wherein the network is a digital network.

239. (New) The remote patient management system according to claim 234, wherein at least a portion of the transfer of the physiological data from the sensor to the server occurs over a wireless communications link.

240. (New) A remote patient management system, comprising:  
at least one sensor outputting patient data related to a heart condition;  
a portable patient monitor operative to receive the patient data and automatically download and encode the data in a manner which restricts access thereto to a network server over a wired telephone connection; and  
a viewing environment resident on the server enabling a healthcare professional to access the patient's heart condition-related data upon identification of the healthcare professional as an authorized user, and use the data for private analysis or diagnostic purposes.

241. (New) The remote patient management system according to claim 240, wherein the patient physiological data is identified by its source to facilitate proper routing and retrieval through the server.

242. (New) The remote patient management system according to claim 240, wherein at least a portion of the transfer of the physiological data from the sensor to the server occurs over a wireless communications link.